

UNCLASSIFIED

RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)								DATE February 2002		
BUDGET ACTIVITY 07 - Operational System Development				PE NUMBER AND TITLE 0208021F Information Warfare Support				PROJECT 0374		
COST (\$ in Thousands)		FY 2001 Actual	FY 2002 Estimate	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	Cost to Complete	Total Cost
0374	Electronic Combat Spt, C3 Protection/Multi-Mission, Technology and Spt	0	1,785	7,837	7,313	7,437	7,545	8,170	Continuing	TBD
Quantity of RDT&E Articles		0	0	0	0	0	0	0	0	0
<p>(U) <u>A. Mission Description</u></p> <p>Joint Expeditionary Force Exercise (JEFX) 2000 emphasized Agile Combat Support, but exploration also occurred in managing intelligence, surveillance, and reconnaissance assets; global mobility; and dynamic battle control. JEFX 2000 and other Air Force funding was reprogrammed from existing command and control, global power, global reach, and space Program Elements.</p> <p>The Information Warfare Planning Capability (IWPC) was reprogrammed from other Information Warfare funding. The IWPC is a full-spectrum, offensive and defensive, planning capability. IWPC operators will develop IW courses of action for the Joint Air Component Commander (JFACC) and nominate IW 'targets' for inclusion into the Master Air Attack Plan and the Joint Integrated Prioritized List (JIPL).</p> <p>(U) <u>FY 2001 (\$ in Thousands)</u></p> <p>(U) \$0 No Activity</p> <p>(U) \$0 Total</p> <p>(U) <u>FY 2002 (\$ in Thousands)</u></p> <p>(U) \$300 IWPC Software Testing</p> <p>(U) \$1,503 IWPC Software Development</p> <p>(U) \$1,803 Total</p> <p>(U) <u>FY 2003 (\$ in Thousands)</u></p> <p>(U) \$4,801 IWPC Software Development</p> <p>(U) \$400 IWPC Software Testing</p> <p>(U) \$3,156 JEFX System integration</p> <p>(U) \$8,357 Total</p>										
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<p>(U) <u>B. Budget Activity Justification</u> This program is in Budget Activity 7, Operational System Development, because it studies, develops and demonstrates IO prototypes to provide warning, self protection, and support to personnel and equipment against combat systems employed by enemy forces. It identifies existing military and commercial research and development efforts which can satisfy unfulfilled operational requirements as identified by the Unified Commands, and quickly bridge the gap between technology developments and meld the technology into the warfighter's operational requirements.</p>																																																															
<p>(U) <u>C. Program Change Summary (\$ in Thousands)</u></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 55%;"></th> <th style="width: 10%; text-align: center;"><u>FY 2001</u></th> <th style="width: 10%; text-align: center;"><u>FY 2002</u></th> <th style="width: 10%; text-align: center;"><u>FY 2003</u></th> <th style="width: 15%; text-align: center;"><u>Total Cost</u></th> </tr> </thead> <tbody> <tr> <td>(U) Previous President's Budget</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">3,156</td> <td></td> </tr> <tr> <td>(U) Appropriated Value</td> <td style="text-align: center;">0</td> <td></td> <td></td> <td></td> </tr> <tr> <td>(U) Adjustments to Appropriated Value</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td> a. Congressional/General Reductions</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td> b. Small Business Innovative Research</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td> c. Omnibus or Other Above Threshold Reprogram</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td> d. Below Threshold Reprogram</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td> e. Rescissions</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>(U) Adjustments to Budget Years Since FY 2002 PBR</td> <td></td> <td style="text-align: center;">1,803</td> <td style="text-align: center;">5,201</td> <td></td> </tr> <tr> <td>(U) Current Budget Submit/FY 2003 PBR</td> <td style="text-align: center;">0</td> <td style="text-align: center;">1,803</td> <td style="text-align: center;">8,357</td> <td style="text-align: center;">TBD</td> </tr> </tbody> </table> <p>(U) <u>Significant Program Changes:</u> Funding allocated for IWPC during FY03-07 APOM</p>										<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>Total Cost</u>	(U) Previous President's Budget	0	0	3,156		(U) Appropriated Value	0				(U) Adjustments to Appropriated Value					a. Congressional/General Reductions					b. Small Business Innovative Research					c. Omnibus or Other Above Threshold Reprogram					d. Below Threshold Reprogram					e. Rescissions					(U) Adjustments to Budget Years Since FY 2002 PBR		1,803	5,201		(U) Current Budget Submit/FY 2003 PBR	0	1,803	8,357	TBD
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DATE

February 2002

BUDGET ACTIVITY

07 - Operational System Development

PE NUMBER AND TITLE

0208021F Information Warfare Support

PROJECT

0374

(U) **E. Acquisition Strategy**

All major contracts within this Program were awarded after full and open competition. The Information Warfare Planning Capability (IWPC) acquisition strategy follows:

Electronic Systems Center (ESC), Hanscom AFB, MA will manage the acquisition and development for evolving suite of interoperable IW planning and decision support capabilities comprised of, as required, software, hardware, and communications products. ESC will identify and implement an open, scalable system architecture that will accommodate growth in functionality; allow functional modules to interact, achieve early data sharing capability with TBMCS, with the goal of interoperability as security policy permits; and be compliant with evolving GCCS and DII COE standards. An IWPC spiral will be released once a year. Requirements for the next spiral will be developed by the IWPC Spiral Development Integrated Process Team (IWPC SD IPT), chaired by ACC. Spirals within the acquisition cycle allow deficiencies to be identified and considered for future spirals as well as the next experiment or applied to current capabilities. Integration efforts will capitalize on the synergy between evolving technologies and on-going system program modifications to maximize the return on investment.

(U) **F. Schedule Profile**

	<u>FY 2001</u>				<u>FY 2002</u>				<u>FY 2003</u>			
	1	2	3	4	1	2	3	4	1	2	3	4
(U) JEFX										X		
(U) IWPC Contract Obligation		*			X				X			
(U) IWPC Software Development		*			X				X			
(U) IWPC Software Integration Testing				X				X				X
(U) IWPC Software Release						X				X		

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RDT&E PROGRAM ELEMENT/PROJECT COST BREAKDOWN (R-3)								DATE February 2002			
BUDGET ACTIVITY					PE NUMBER AND TITLE				PROJECT		
07 - Operational System Development					0208021F Information Warfare Support				0374		
(U) <u>A. Project Cost Breakdown (\$ in Thousands)</u>											
					<u>FY 2001</u>		<u>FY 2002</u>		<u>FY 2003</u>		
(U)	Various JEFX initiatives; systems arch; integration, comms				0		0		3,136		
(U)	IWPC VX.O Software Development				0		1,485		4,301		
(U)	Instrumentation and Support										
(U)	Facilities										
(U)	Testing						300		400		
(U)	Engineering Services						0				
(U)	Program Infrastructure										
(U)	SME										
(U)	Total				0		1,785		7,837		
(U) <u>B. Budget Acquisition History and Planning Information (\$ in Thousands)</u>											
(U) <u>Performing Organizations:</u>											
<u>Contractor or</u>		<u>Contract</u>									
<u>Government</u>		<u>Method/Type</u>		<u>Award or</u>		<u>Performing</u>		<u>Project</u>			
<u>Performing</u>		<u>or Funding</u>		<u>Obligation</u>		<u>Activity</u>		<u>Office</u>		<u>Total Prior</u>	
<u>Activity</u>		<u>Vehicle</u>		<u>Date</u>		<u>EAC</u>		<u>EAC</u>		<u>to FY 2001</u>	
<u>Budget</u>		<u>Budget</u>		<u>Budget</u>		<u>Budget</u>		<u>Budget</u>		<u>Total</u>	
<u>FY 2001</u>		<u>FY 2002</u>		<u>FY 2003</u>		<u>Complete</u>		<u>Program</u>			
<u>Product Development Organizations</u>											
JEFX - Various		Various		Various		N/A		N/A		0	
Bell Aerospace & Techn		DDForm 448		Jan		2		91		0	
GRCI		AF Form 9		Sep		2		91		0	
Unknown		TBD		TBD		2		91		0	
ARINC		DDForm 448		Oct		N/A		N/A		0	
General Dynamics		AF Form 9		Nov		2		91		0	
MITRE		DDForm 448		Oct		N/A		N/A		0	
										300	
										400	
<u>Support and Management Organizations</u>											
DISA		DDForm 448		Jan		2		91		0	
JIOC		DDForm 1610		Jan-Sep		2		91		0	

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RDT&E PROGRAM ELEMENT/PROJECT COST BREAKDOWN (R-3)							DATE February 2002																																																																																																																																								
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